

1. (currently amended) In a World Wide Web (Web) communication network with user access via a plurality of data processor controlled interactive receiving display stations for displaying received Web documents accessible from database sources on the Web, a system for simplifying the Uniform Resource Locators (URLs) displayed for each received Web document comprising:

a service provider for accessing Web documents for said receiving display stations responsive to user requests;

remote Web database source servers, responsive to service provider requests including:

apparatus for accessing requested Web documents from said [[Web]] database sources, and

apparatus for defining the URLs for said accessed Web documents to include a URL domain section and an automatically generated URL path portion within [[the]] a database source;

apparatus in said service provider to convert the original URLs of said accessed Web documents to include a domain section specifying the service provider's domain and a path portion within said service provider's domain simpler and shorter than the original URL path portion;

apparatus in said service provider for respectively reconverting said converted URLs back to the original URLs; wherein Web document requests directed to said converted URLs will respectively be transmitted through the service provider to [[the]] remote database sources on the Web; and

apparatus in said service provider for charging a user a fee for activating said apparatus for converting an original URL.

2-5. (cancelled).

PATENT  
10/607,585

6. (previously presented) The Web network of claim 4 wherein said user activating said apparatus for converting is a host of a Web database source defining the original URL.
7. (cancelled).

8. (currently amended) In a Web communication network with user access via a plurality of data processor controlled interactive receiving display stations for displaying received Web documents accessible from database sources on the Web, a method for simplifying the URLs displayed for each received Web document comprising:

accessing Web documents through service providers for said receiving display stations responsive to user requests;

accessing requested Web documents from remote Web database source servers, responsive to service provider requests;

defining the URLs for said accessed Web documents to include a URL domain section and an automatically generated URL path portion within the database source; and

converting, in said service provider, [[the]] original URLs of said accessed Web documents to include a domain section specifying the service provider's domain and a path portion within said service provider's domain simpler and shorter than the original URL path portion;

reconverting said converted URLs, in said service provider, back to the original URLs; wherein Web document requests directed to said converted URLs will respectively be transmitted through the service provider to the database sources on the Web; and

enabling said service provider to charge a user a fee for activating said apparatus for converting an original URL.

9-12 (cancelled).

PATENT  
10/607,585

13. (previously presented) The method of claim 8 wherein said user activating said step of converting is a host of a Web database source defining the original URL.

14-20 (cancelled).

21. (currently amended) A computer program comprising a computer useable medium having a computer readable program for simplifying the URLs displayed for Web documents received at display stations in a World Wide Web communication network from sources on the Web, wherein the computer readable program when executed on a computer causes the computer to:

access Web documents through service providers for said receiving display stations responsive to user requests;

access requested Web documents from remote Web ~~database~~ source servers, responsive to service provider requests;

define the URLs for said accessed Web documents to include a URL domain section and an automatically generated URL path portion within the ~~database~~ source; and

convert, in said service provider, [[the]] original URLs of said accessed Web documents to include a domain section specifying the service provider's domain and a path portion within said service provider's domain simpler and shorter than the original URL path portion;

reconvert said converted URLs, in said service provider, back to the original URLs; wherein Web document requests directed to said converted URLs will respectively be transmitted through the service provider to the remote ~~database~~ sources on the Web; and

enable said service provider to charge a user a fee for activating said apparatus for converting an original URL.

22. (cancelled)

23. (previously presented) The computer program of claim 21 wherein said user activating said step of converting is a host of a Web database source defining the original URL.